

ABSTRACT OF THE DISCLOSURE

First-arriving-pulse detector (FAP) circuitry includes a correlator circuitry and a threshold circuitry. The correlator circuitry correlates a received signal with a template signal to provide
5 an output signal. The threshold circuitry provides a first-arriving-pulse signal depending on the relative values of the output signal of the correlator circuitry and a threshold signal.

1000 9000 8000 7000 6000 5000 4000 3000 2000 1000 0